INDEX

Alexeev, A. *See* Goldshtein, Alexeev & Gutfinger

Bach, G. A., Koch, D. L. & Gopinath, A. Coalescence and bouncing of small aerosol droplets, 157–185

Bagchi, P. & Balachandar, S. Response of the wake of an isolated particle to an isotropic turbulent flow, 95–123

Balachandar, S. *See* Bagchi & Balachandar

Blondeaux, P., Scandura, P. & Vittori, G. Coherent structures in an oscillatory separated flow: numerical experiments, 215–229

Denier, J. P. & Hewitt, R. E. Asymptotic matching constraints for a boundary-layer flow of a power-law fluid, 261–279

Dimitropoulos, C. D. *See* Paschkewitz, Dubief, Dimitropoulos, Shaqfeh & Moin

Dreyer, M. E. *See* Rosendahl, Ohlhoff & Dreyer

Dubief, Y. *See* Paschkewitz, Dubief, Dimitropoulos, Shaqfeh & Moin

Gatski, T. B. & Wallin, S. Extending the weak-equilibrium condition for algebraic Reynolds stress models to rotating and curved flows, 147–155

Goldshtein, A., Alexeev, A. & Gutfinger, C. Resonance oscillations with thermal effects of an inviscid gas in a closed tube, 1–34

Gopinath, A. *See* Bach, Koch & Gopinath

Gutfinger, C. *See* Goldshtein, Alexeev & Gutfinger

Hewitt, R. E. *See* Denier & Hewitt

Huppert, H. E. *See* Malki-Epshtein, Phillips & Huppert

Hyun, J. M. *See* Park & Hyun

Koch, D. L. *See* Bach, Koch & Gopinath

Kosály, G. *See* Sripakagorn, Mitarai, Kosály & Pitsch

Le Quéré, P. *See* Tao, Le Quéré & Xin

Liao, X. *See* Zhang & Liao

Malki-Epshtein, L., Phillips, O. M. & Huppert, H. E. The growth and structure of double-diffusive cells adjacent to a cooled sidewall in a salt-stratified environment, 347–362

Mitarai, S. *See* Sripakagorn, Mitarai, Kosály & Pitsch

Moin, P. *See* Paschkewitz, Dubief, Dimitropoulos, Shaqfeh & Moin

Ohlhoff, A. *See* Rosendahl, Ohlhoff & Dreyer

Park, J. S. & Hyun, J. M. Flow of a compressible fluid in a rapidly rotating pipe with aximuthally varying wall thermal condition, 125–145

Paschkewitz, J. S., Dubief, Y., Dimitropoulos, C. D., Shaqfeh, E. S. G. & Moin, P. Numerical simulation of turbulent drag reduction using rigid fibres, 281–317

Phan-Thien, N. *See* Yu, Phan-Thien & Tanner

Phillips, O. M. *See* Malki-Epshtein, Phillips & Huppert

Pitsch, H. *See* Sripakagorn, Mitarai, Kosály & Pitsch

Rosendahl, U., Ohlhoff, A. & Dreyer, M. E. Choked flows in open capillary channels: theory, experiment and computations, 187–214

Scandura, P. *See* Blondeaux, Scandura & Vittori

Shaqfeh, E. S. G. *See* Paschkewitz, Dubief, Dimitropoulos, Shaqfe & Moin

INDEX

Alexeev, A. *See* Goldshtein, Alexeev & Gutfinger

Bach, G. A., Koch, D. L. & Gopinath, A. Coalescence and bouncing of small aerosol droplets, 157–185

Bagchi, P. & Balachandar, S. Response of the wake of an isolated particle to an isotropic turbulent flow, 95–123

Balachandar, S. *See* Bagchi & Balachandar

Blondeaux, P., Scandura, P. & Vittori, G. Coherent structures in an oscillatory separated flow: numerical experiments, 215–229

Denier, J. P. & Hewitt, R. E. Asymptotic matching constraints for a boundary-layer flow of a power-law fluid, 261–279

Dimitropoulos, C. D. *See* Paschkewitz, Dubief, Dimitropoulos, Shaqfeh & Moin

Dreyer, M. E. *See* Rosendahl, Ohlhoff & Dreyer

Dubief, Y. *See* Paschkewitz, Dubief, Dimitropoulos, Shaqfeh & Moin

Gatski, T. B. & Wallin, S. Extending the weak-equilibrium condition for algebraic Reynolds stress models to rotating and curved flows, 147–155

Goldshtein, A., Alexeev, A. & Gutfinger, C. Resonance oscillations with thermal effects of an inviscid gas in a closed tube, 1–34

Gopinath, A. *See* Bach, Koch & Gopinath

Gutfinger, C. *See* Goldshtein, Alexeev & Gutfinger

Hewitt, R. E. *See* Denier & Hewitt

Huppert, H. E. *See* Malki-Epshtein, Phillips & Huppert

Hyun, J. M. *See* Park & Hyun

Koch, D. L. *See* Bach, Koch & Gopinath

Kosály, G. *See* Sripakagorn, Mitarai, Kosály & Pitsch

Le Quéré, P. *See* Tao, Le Quéré & Xin

Liao, X. *See* Zhang & Liao

Malki-Epshtein, L., Phillips, O. M. & Huppert, H. E. The growth and structure of double-diffusive cells adjacent to a cooled sidewall in a salt-stratified environment, 347–362

Mitarai, S. *See* Sripakagorn, Mitarai, Kosály & Pitsch

Moin, P. *See* Paschkewitz, Dubief, Dimitropoulos, Shaqfeh & Moin

Ohlhoff, A. *See* Rosendahl, Ohlhoff & Dreyer

Park, J. S. & Hyun, J. M. Flow of a compressible fluid in a rapidly rotating pipe with aximuthally varying wall thermal condition, 125–145

Paschkewitz, J. S., Dubief, Y., Dimitropoulos, C. D., Shaqfeh, E. S. G. & Moin, P. Numerical simulation of turbulent drag reduction using rigid fibres, 281–317

Phan-Thien, N. *See* Yu, Phan-Thien & Tanner

Phillips, O. M. *See* Malki-Epshtein, Phillips & Huppert

Pitsch, H. *See* Sripakagorn, Mitarai, Kosály & Pitsch

Rosendahl, U., Ohlhoff, A. & Dreyer, M. E. Choked flows in open capillary channels: theory, experiment and computations, 187–214

Scandura, P. *See* Blondeaux, Scandura & Vittori

Shaqfeh, E. S. G. *See* Paschkewitz, Dubief, Dimitropoulos, Shaqfe & Moin

Sharipov, F. Numerical simulation of rarefied gas flow through a thin orifice, 35–60

Sripakagorn, P., Mitarai, S., Kosály, G. & Pitsch, H. Extinction and reignition in a diffusion flame: a direct numerical simulation study, 231–259

Tanner, R. I. *See* Yu, Phan-Thien & Tanner

Tao, J. Le Quéré, P. & Xin, S. Spatio-temporal instability of the natural convection boundary layer in thermally stratified medium, 363–379

Vittori, G. *See* Blondeaux, Scandura & Vittori

Wallin, S. *See* Gatski & Wallin

Xin, S. *See* Tao, Le Quéré & Xin

Yu, Z., Phan-Thien, N. & Tanner, R. I. Dynamic simulation of sphere motion in a vertical tube, 61–93

Zhang, K. & Liao, X. A new asymptotic method for the analysis of convection in a rapidly rotating sphere, 319–346